

Notice No.3

for the Code for Lifting Appliances in a Marine Environment, July 2021

The status of this Rule set is amended as shown and is now to be read in conjunction with this and prior Notices. Any corrigenda included in the Notice are effective immediately.

Please note for the corrigenda items paragraphs, Tables and Figures are not shown in their entirety.

Issue date: June 2022

Amendments to	Effective date	IACS/IMO implementation (if applicable)
Chapter 1, Section 4	1 July 2022	N/A



Chapter 1

General

Section 4

Quality assurance scheme Assurance Scheme for components of lifting appliance systems

4.1 General

4.1.2 The QAL is part of the broader Quality Assurance Engineering Schemes (QAES), which is the overarching portfolio for all audit-based survey and certification services to manufacturers. Details of how these schemes are operated are provided in LR's ShipRight Procedure *Approval of a Manufacturer according to Quality Assurance Engineering Schemes (QAES)*.

4.1.2 4.1.3 This QAL is applicable to items manufactured under closely controlled conditions. The products for which the QAL is applicable are provided in LR's ~~ShipRight Procedure~~ ShipRight Procedure *Approval of a Manufacturer According to the Quality Assurance of Engineering Systems Schemes (QAES)* scoping all QA scheme services under the LR Quality Assurance Engineering Services Schemes (QAES). Examples for such components are provided in the following:

- (a) Items of loose gear, such as hooks, hook blocks, spreaders, lifting beams, shackles and swivels (see [Ch 8 Fittings, Loose Gear and Ropes](#) as applicable).
- (b) Items of machinery, such as winches, bearings and hydraulic cylinders (see [Ch 9 Machinery](#) as applicable).
- (c) Steel wire ropes (see [Ch 8 Fittings, Loose Gear and Ropes](#) as applicable).
- (d) Electrotechnical components (see [Ch 10 Electrotechnical Systems](#) as applicable and relevant Parts of applicable releases of LR's [Rules and Regulations for the Classification of Ships](#)).

4.1.3 4.1.4 The applicability of the QAL is to be agreed with LR in each case.

4.1.4 4.1.5 The QAL does not reduce or eliminate the requirements for design, survey, fabrication, marking and testing to be adhered to in accordance with the Code. The requirement for plan appraisal of individual components as listed in *Ch 1, 4.1 General 4.1.2* remains applicable.

4.1.5 4.1.6 In addition to the QAL product certificates issued by the manufacturer, the required statutory certificates (e.g. LA.3 and LA.4) will still be issued by LR based on the issued QAL product certificates, as applicable.

4.2 Definitions

4.2.1 The following definitions apply in the context of this Section.

4.2.2 QAL audit

An audit, conducted by LR at the manufacturer's, or their supplier's or sub-contractor's works, of their products and/or processes, which may include direct survey, to provide confidence that products are manufactured, tested and inspected in accordance with the requirements of the Code. Periodicity of surveillance audits is as agreed in the QAL Certification Schedule, see LR's ShipRight Procedure *Approval of a Manufacturer according to Quality Assurance Engineering Schemes (QAES)*.

4.3 QAL arrangements

4.3.1 A manufacturer may apply to be approved under the QAL where the following requirements are met:

- (a) The manufacturer has a quality management system which has been certified as meeting the requirements of ISO 9001 *Quality Management Systems - Requirements*, or an industry-specific equivalent standard, by a certification body accredited by a member of the International Accreditation Forum and recognised by LR.
- (b) The manufacturer has processes in place suitable for the products to be certified under the QAL.
- (c) The manufacturer has a satisfactory and documented history of quality performance in the supply of products for which certification under the QAL is requested.

4.3.3 The QAL procedures given in the applicable LR ~~ShipRight Procedure~~ ShipRight Procedure *Approval of a Manufacturer According to the Quality Assurance of Engineering Systems Schemes (QAES)* are to be complied with.

4.3.8 Where it is considered that the manufacturer no longer meets the approval requirements for the QAL, the QAL *Approval Certificate* will be suspended. In these circumstances, the manufacturer will be notified in writing of LR's reasons for suspension of the scheme and the manufacturer will revert to direct survey and issue of LR certificates.

4.3.9 QAL product certificates

Where the manufacturer is approved according to the QAL, they will be entitled to issue 'QAL product certificates'. These certificates are to clearly detail the product being certified and are to be validated by an authorised representative of the manufacturer. They are to bear the QAL mark, QAL approval number and statements by the manufacturer certifying that the product has been made by an approved process in accordance with LR's Rules and that the certificate is issued in accordance with the requirements of the QAL. Details regarding these statements are further described in LR's ShipRight Procedure *Approval of a Manufacturer according to Quality Assurance Engineering Schemes (QAES)*. the following statements 'We hereby certify that the product has been made by an approved process and satisfactorily tested in accordance with the [insert relevant standard or regulations e.g. Rules of Lloyd's Register]' and 'This certificate is issued under the arrangements authorised by Lloyd's Register [operating entity, e.g. EMEA] in accordance with the requirements of the Quality Assurance Scheme for components of lifting

appliances and scheme number QAL’

~~The certificate format will have to be approved by LR. Copies of all certificates will have to be supplied to LR.~~

4.3.10 The certificate format is to be approved by LR. Variations in the wording of the statements are permitted with written approval from LR.

4.3.11 The process of issue of the certificates, including if they are electronic or hardcopy, will be agreed by LR based on the systems in place at the manufacturer.

4.3.12 Copies of all certificates are to be supplied to LR by an agreed means and frequency.

4.3.13 Where a certificate is issued according to the QAL requirements it is considered equivalent to an LR Certificate issued under direct survey.

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